

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A medical examination chair ~~(F)~~ for seating and moving a patient in three substantially perpendicular planes over a large amplitude, said medical examination chair ~~(F)~~ comprising:

a stationary column;

a primary arc ~~(5)~~ connected to a said stationary column ~~(3)~~ via a horizontal shaft ~~(1)~~ that constitutes a first axis of rotation ~~(X)~~, ~~there being~~ said stationary column and said first axis of rotation being behind said primary arc, a second axis of rotation ~~(Y)~~ substantially perpendicular to the first axis of rotation ~~(X)~~ ~~that~~ passes through a first end and a second ends ~~(EX1, EX2) end~~ of said primary arc; ~~(5)~~,

~~said medical examination chair (F) including~~ a secondary arc ~~(6)~~ that is provided with a seat ~~(10)~~ and that is arranged inside said primary arc ~~(5)~~, said secondary arc is being secured via a third end and a fourth ends ~~(EX3, EX4) end~~ to said first end and said second ends ~~(EX1, EX2) end~~, respectively via an upper shaft ~~(2a)~~ and a bottom shaft ~~(2b)~~, said primary arc and secondary ares ~~(5, 6) arc~~ ~~being suitable for performing~~ configured for rotary movement about said first axis of rotation

and said second axes axis of rotation ~~(X, Y)~~ respectively, ~~said medical examination chair (F) further including; and~~

a brake means for stopping that suddenly stops said rotary movement suddenly, said brake including at least a first mechanical abutment that suddenly stops said primary arc relative to said stationary column and a second mechanical abutment for suddenly stopping said secondary arc relative to said primary arc.

2. (currently amended) ~~A~~ The medical examination chair according to claim 1, including a first motor for setting said primary arc ~~(5)~~ into rotation about said first axis of rotation ~~(X)~~.

3. (currently amended) ~~A~~ The medical examination chair according to claim 1, including a second motor for setting said secondary arc ~~(6)~~ into rotation about said second axis of rotation ~~(Y)~~.

4. (withdrawn) ~~A~~ The medical examination chair according to claim 2, wherein said brake ~~means~~ includes said first motor that enables said primary arc ~~(5)~~ to be stopped suddenly.

5. (withdrawn) A The medical examination chair according to claim 3, wherein said brake ~~means~~ includes said second motor that enables said secondary arc ~~(6)~~ to be stopped suddenly.

6. (withdrawn) A The medical examination chair according to claim 1, wherein said brake ~~means~~ include a first brake for stopping the primary arc ~~(5)~~.

7. (withdrawn) A The medical examination chair according to claim 1, wherein said brake ~~means~~ include a second brake for stopping the secondary arc ~~(6)~~.

8. (canceled).

9. (currently amended) A The medical examination chair according to claim ~~8~~ 1, wherein said first mechanical abutment ~~(B1)~~ is placed on one lateral side of said stationary column ~~(3)~~ and is provided with a ring (B1') and a damper (B1'), said ring ~~(B1')~~ co-operating with a tooth of catch means ~~(B10)~~ arranged on the primary arc ~~(5)~~.

10. (canceled)

11. (currently amended) A The medical examination chair according to claim ~~10~~ 1, wherein said second mechanical abutment ~~(B2)~~ is provided with has at least one hook ~~(B22)~~ and at least one

damper ~~(B21)~~ arranged on the first end ~~(EX1)~~ of the primary arc ~~(5)~~, said hook ~~(B22)~~ co-operating with stop means ~~(B23)~~ disposed on the third end ~~(EX3)~~ of the secondary arc ~~(6)~~.

12. (currently amended) A The medical examination chair according to claim 11, wherein said stop means ~~(B23)~~ is retractable.

13. (currently amended) A The medical examination chair according to claim 1, wherein the position of said seat ~~(10)~~ along said second axis of rotation ~~(Y)~~ is adjustable.

14. (currently amended) A The medical examination chair according to claim 1, including a seat back ~~(8)~~ that is adjustable in translation along said second axis of rotation ~~(Y)~~.

15. (currently amended) A The medical examination chair according to claim 1, including at least one foot-rest ~~(9)~~ that is adjustable in translation along said second axis of rotation ~~(Y)~~.

16. (currently amended) A The medical examination chair according to claim 15, wherein ~~the~~ an angle of inclination of said foot-rest ~~(9)~~ relative to the second axis of rotation ~~(Y)~~ is adjustable.

17. (currently amended) A The medical examination chair according to claim 1, including a headrest ~~(7)~~ that is tiltable and adjustable in translation along said first and second axes of rotation ~~(X and Y)~~.

18. (currently amended) ~~A~~ The medical examination chair according to claim 1, including patient restraining means ~~(31, 32, 33, 34)~~.

19. (currently amended) ~~A~~ The medical examination chair according to claim 1, including a first locking means ~~(50) for locking lock that locks~~ the primary arc ~~(5)~~ relative to the stationary column ~~(3)~~.

20. (currently amended) ~~A~~ The medical examination chair according to claim 1, including a second locking means ~~(60) for locking lock that locks~~ the secondary arc ~~(6)~~ in a plurality of positions relative to the primary arc ~~(5)~~.

21. (currently amended) ~~A~~ The medical examination chair according to claim 1, including at least two position sensors.

22. (currently amended) ~~A~~ The medical examination chair according to claim 1, including at least two movement sensors.

23. (currently amended) ~~A~~ The medical examination chair according to claim 1, including a videonystagmoscope system.

24. (currently amended) ~~A~~ The medical examination chair according to claim 1, including a control and management member.

25. (currently amended) ~~A~~ The medical examination chair according to claim 1, wherein said primary arc ~~(5)~~ includes a

convex portion and is connected to said horizontal shaft ~~(11)~~ via  
the a middle of ~~its~~ the convex portion.

26. (canceled)